

# WYOMING

## Science and Engineering Profile

	WY	U.S.	Rank		WY	U.S.	Rank
Doctoral scientists, 1995	720	453,928	52	Total R&D performance, 1995 (millions)	\$87	\$177,210	50
Doctoral engineers, 1995	117	86,738	51	Industry R&D, 1995 (millions)	\$25	\$130,332	47
S&E doctorates awarded, 1996	53	27,230	45	Academic R&D, 1995 (millions)	\$40	\$21,606	50
of which, in life sciences	21%	25%		of which, in life sciences	45%	55%	
in engineering	17%	23%		in environmental sciences	23%	6%	
in math & computer sciences	17%	8%		in physical sciences	8%	10%	
S&E postdoctorates, 1995	45	35,379	45	Higher education current-fund expenditures, 1995 (millions)	\$305	\$182,602	52
in doctorate-granting institutions							
S&E graduate students, 1995	939	436,328	49	Number of SBIR awards, 1990-1996	9	26,399	50
in doctorate-granting institutions				Patents issued to state residents, 1996	33	61,099	51
Population, 1996 (000s)	481	269,067	52	Gross state product, 1994 (billions)	\$15.7	\$6,876.0	50
Civilian labor force, 1996 (000s)	258	135,528	52	of which, agriculture	2%	2%	
Personal income per capita, 1996	\$21,245	\$24,231	36	manufacturing, mining, construction	38%	23%	
Federal spending				transportation, communication, utilities	17%	9%	
Total expenditures, 1996 (millions)	\$2,515	\$1,368,858	52	wholesale and retail trade	10%	16%	
R&D obligations, 1995 (millions)	\$35	\$67,080	51	finance, insurance, real estate services	11%	19%	
				government	9%	20%	
					13%	13%	

Rankings and totals are based on data for the 50 states, D.C., and Puerto Rico.

Data on S&E postdoctorates and S&E graduate students include health fields.

## Federal Obligations for Research and Development in Wyoming by Agency and Performer: Fiscal Year 1995

[Thousands of Dollars]

	Total	Federal intramural	All FFRDCs	Industrial firms	Universities & colleges	Other nonprofits	State & local government	State rank
<b>Total, all agencies</b>	35,151	8,669	0	223	12,680	12,628	951	51
<b>Department of Agriculture</b>	6,556	4,603	0	0	1,935	18	0	43
<b>Department of Commerce</b>	57	0	0	0	0	0	57	48
<b>Department of Defense</b>	2,154	327	0	13	1,814	0	0	49
<b>Department of Energy</b>	5,268	0	0	55	1,213	3,950	50	41
<b>Dept. of Health &amp; Human Services</b>	1,097	0	0	0	815	50	232	52
<b>Department of the Interior</b>	4,089	3,739	0	0	350	0	0	31
<b>Department of Transportation</b>	9,222	0	0	0	0	8,610	612	17
<b>Environmental Protection Agency</b>	477	0	0	0	477	0	0	44
<b>Nat'l Aeronautics &amp; Space Admin.</b>	806	0	0	55	751	0	0	48
<b>National Science Foundation</b>	5,425	0	0	100	5,325	0	0	47
<b>State rank</b>	51	48	na	51	51	23	47	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable